

Claims

1. A G protein-coupled receptor protein which has the amino acid sequence described in Sequence No. 2, 4, 6, 22 or 26, or a G protein-coupled receptor protein as an equivalent to said protein.
2. A G protein-coupled receptor protein which has the amino acid sequence described in Sequence No. 2, 4, 6, 22 or 26.
3. A gene which has a nucleotide sequence coding for the G protein-coupled receptor protein described in claim 1.
4. A vector which contains the gene described in claim 3.
5. A host cell which contains the vector described in claim 4.
6. A method for producing the G protein-coupled receptor protein described in claim 1 or 2, or a G protein-coupled receptor protein as an equivalent to said protein, which comprises using the host cell described in claim 5.
7. A method for screening a medicament acting on the G protein-coupled receptor protein described in claim 1 or 2, which comprises allowing said G protein-coupled receptor protein to contact with a compound to be tested.

8. An antibody or a fragment thereof for the G
protein-coupled receptor protein described in claim 1 or 2
or a partial peptide thereof.

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